

	Node Location Table (AR <sub>1</sub> )									
30→	Node Name	Current IP Address								
	$MN_{i,0}$	$AR_i$								
_	$MN_{i,1}$	$AR_i$								
	•••	•••								
	$MN_{i,k}$	$AR_1$								

Figure 2

HEADER		
Source IP Address	DATA	
Dest. IP Address		•••
Protocol		

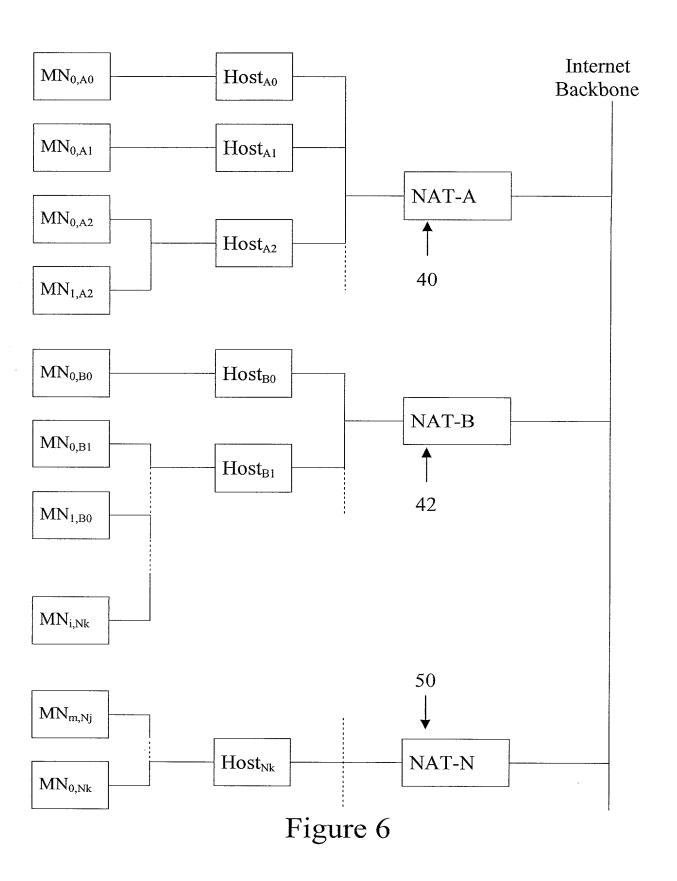
Figure 3 (Prior Art)

TYPE (20 or 21) CO							ΟI	DE CHECKSUM											,										
IDENTIFIER SEQUENCE NUMBER																													
							(	Οŀ	PT	Ю	$\overline{N}$	4I	,	D	A	$T_{\lambda}$	$\overline{\mathbf{A}}$									-			
0																												35	;

Figure 4

SOURCE HOST-NAMI	DESTINATION HOST-NAM	ME
UDP MESSAGE	CHECKSUM	
0		35

Figure 5



CN binding to MN								
Global Address of CN's NAT	Local Address of CN in NAT							
Global Address of MN's NAT Local Address of MN in NAT								
40.1	1.24							

1 24 25 1 1 1 1 1 1 48

## Figure 7 (Prior Art)

Mobile-Home Database (NAT-B)									
Mobile Node (HA or VA)   Flag   Local Address (COA)   NAT Addre									
MN <sub>0,B0</sub> @ Host <sub>B0</sub>	0	MN <sub>0,B0</sub> @ Host <sub>B0</sub>	null						
MN <sub>1,B0</sub> @ Host <sub>B0</sub>	0	MN <sub>1,B0</sub> @ Host <sub>B1</sub>	null						
MN <sub>0,B1</sub> @ Host <sub>B1</sub>	0	MN <sub>0,B1</sub> @ Host <sub>B1</sub>	null						
•••	•••	•••	•••						
MN <sub>i,Nk</sub> @ Host <sub>B1</sub>	0	MN <sub>i,Nk</sub> @Host <sub>B1</sub>	null						
MN <sub>h,Pq</sub> @ Host <sub>B1</sub>	0	null	null						
•••	•••	•••	•••						

Figure 8

Mobile-Home Database (NAT-N)									
Mobile Node (HA or VA)	Flag	Local Address (COA)	NAT Address						
•••	•••	•••	•••						
$MN_{m,Nj}$ @ $Host_{N_J}$	0	MN <sub>m,Nj</sub> @ Host <sub>Nk</sub>	null						
•••	•••	•••	•••						
MN <sub>0,Nk</sub> @ Host <sub>Nk</sub>	0	MN <sub>0,Nk</sub> @ Host <sub>Nk</sub>	null						
•••	•••	•••	•••						
MN <sub>i,Nk</sub> @ Host <sub>Nk</sub>	1	MN <sub>i,Nk</sub> @Host <sub>B1</sub>	NAT-B						
•••	•••	•••	•••						

Figure 9